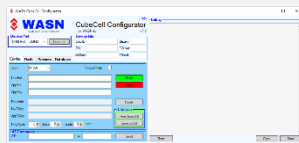


OutdoorNode



Description

This watertight Node includes a 3000mAh LiPo battery, which can be charged with an external solar panel.

This waterproof node has a built-in 3000mAh LiPo battery and is designed for outdoor use.

The node is equipped with a BME680 and BH1750 sensor. The BME680 sensor measures temperature, humidity, air pressure and the air quality index, and the light intensity is also measured.

An additional, external sensor and a switch contact can be connected.

An external antenna can also be connected for areas with poor radio coverage.

Configuration is done with our WASN Configurator software for Microsoft Windows.

Specifications

- ☐ Timer and interrupt triggered measurement
- ☐ Integrated 3000mAh LiPo battery
- ☐ Solar charge option
- ☐ IP67 rated casing
- ☐ Complete modular design

Technical details

- ☐ based on an ASR650x MCU
- ☐ DeepSleep current of 16uA
- ☐ 1 internal BME680 sensor
- ☐ 1 external sensor interfaces with IIC

Supported Sensors:

- | | |
|---|---|
| <input type="checkbox"/> Temperature, | <input type="checkbox"/> Wind speed and direction |
| <input type="checkbox"/> Humidity | <input type="checkbox"/> Vibration |
| <input type="checkbox"/> Air pressure | <input type="checkbox"/> Magnetic field |
| <input type="checkbox"/> Soil moisture | <input type="checkbox"/> Different gases like CO2 |
| <input type="checkbox"/> Leaf wetness | <input type="checkbox"/> ... |
| <input type="checkbox"/> UV and light intensity | |